TABLE I—PLIES—Continued

Tire size	2 ply-4 ply (4 ply rating)		4 ply (6 ply rating)		4 ply (8 ply rating)	
	Maximum load	Maximum inflation pressure	Maximum load	Maximum inflation pressure	Maximum load	Maximum inflation pressure
195–15	1550	32	1680	36	1820	40
205–15	1700	32	1840	36	2000	40

[1] Dash Radial—Not an "R" Radial.

[37 FR 5952, Mar. 23, 1972, as amended at 37 FR 11775, June 14, 1972; 38 FR 2982, Jan. 31, 1973; 38 FR 6999, Mar. 15, 1973; 38 FR 9688, Apr. 19, 1973; 39 FR 1443, Jan. 9, 1974; 39 FR 3553, Jan. 28, 1974; 39 FR 36016, Oct. 7, 1974; 39 FR 39884, Nov. 12, 1974; 61 FR 29494, June 11, 1996]

EDITORIAL NOTE: For an interpretation of §571.117, see 38 FR 10940, May 3, 1973.

§571.118 Standard No. 118; Power-operated window, partition, and roof panel systems.

S1. *Purpose and scope.* This standard specifies requirements for power operated window, partition, and roof panel systems to minimize the likelihood of death or injury from their accidental operation.

S2. *Application.* This standard applies to passenger cars, multipurpose passenger vehicles, and trucks with a gross vehicle weight rating of 4536 kilograms or less. The standard's requirements for power-operated roof panel systems need not be met for vehicles manufactured before September 1, 1993.

S3. *Definition.* ''Power operated roof panel systems'' mean moveable panels in the vehicle roof which close by vehicle supplied power either by a sliding or hinged motion, and do not include convertible top systems.

S4. *Operating requirements.* Except as provided in S5, power operated window, partition, or roof panel systems may be closed only in the following circumstances:

(a) When the key that controls activation of the vehicle's engine is in the ''ON'', ''START'', or ''ACCESSORY'' position;

(b) By muscular force unassisted by vehicle supplied power;

(c) Upon continuous activation by a locking system on the exterior of the vehicle;

(d) Upon continuous activation of a remote actuation device, provided that the remote actuation device shall be incapable of closing the power window, partition or roof panel from a distance of more than 6 meters from the vehicle;

(e) During the interval between the time the locking device which controls the activation of the vehicle's engine is turned off and the opening of either of a two-door vehicle's doors or, in the case of a vehicle with more than two doors, the opening of either of its front doors;

(f) If the window, partition, or roof panel is in a static position before starting to close and in that position creates an opening so small that a 4 mm diameter semi-rigid cylindrical rod cannot be placed through the opening at any location around its edge in the manner described in S5(b); or

(g) Upon continuous activation of a remote actuation device, provided that the remote actuation device shall be incapable of closing the power window, partition or roof panel if the device and the vehicle are separated by an opaque surface and provided that the remote actuation device shall be incapable of closing the power window, partition or roof panel from a distance of more than 11 meters from the vehicle.

S5. (a) Notwithstanding S4, a power operated window, partition or roof panel system may close if it meets the following requirements—

(1) While closing, the window, partition or roof panel system must reverse direction before contacting, or before exerting a squeezing force of 100 newtons or more on, a semi-rigid cylindrical rod from 4 mm to 200 mm in diameter that has the force-deflection ratio described in S5(c), and that is placed through the window, partition or roof panel system opening at any location, in the manner described in S5(b); and

(2) Upon such reversal, the window, partition or roof panel system must open to one of the following positions, at the manufacturer's option:

(i) A position that is at least as open as the position at the time closing was initiated;

(ii) A position that is not less than 125 millimeters more open than the position at the time the window reversed direction; or

(iii) A position that permits a semi-rigid cylindrical rod that is 200 mm in diameter to be placed through the opening at the same contact point(s) as the rod described in S5(a)(1).

(b) The test rod is placed through the window, partition or roof panel opening from the inside of the vehicle such that the cylindrical surface of the rod contacts any part of the structure with which the window, partition or roof panel mates. Typical placements of test rods are illustrated in Figure 1.

(c) The force-deflection ratio of the test rod is at least 65 N/mm for a rod 25 mm or smaller in diameter, and at least 20 N/mm for a rod larger than 25 mm in diameter.

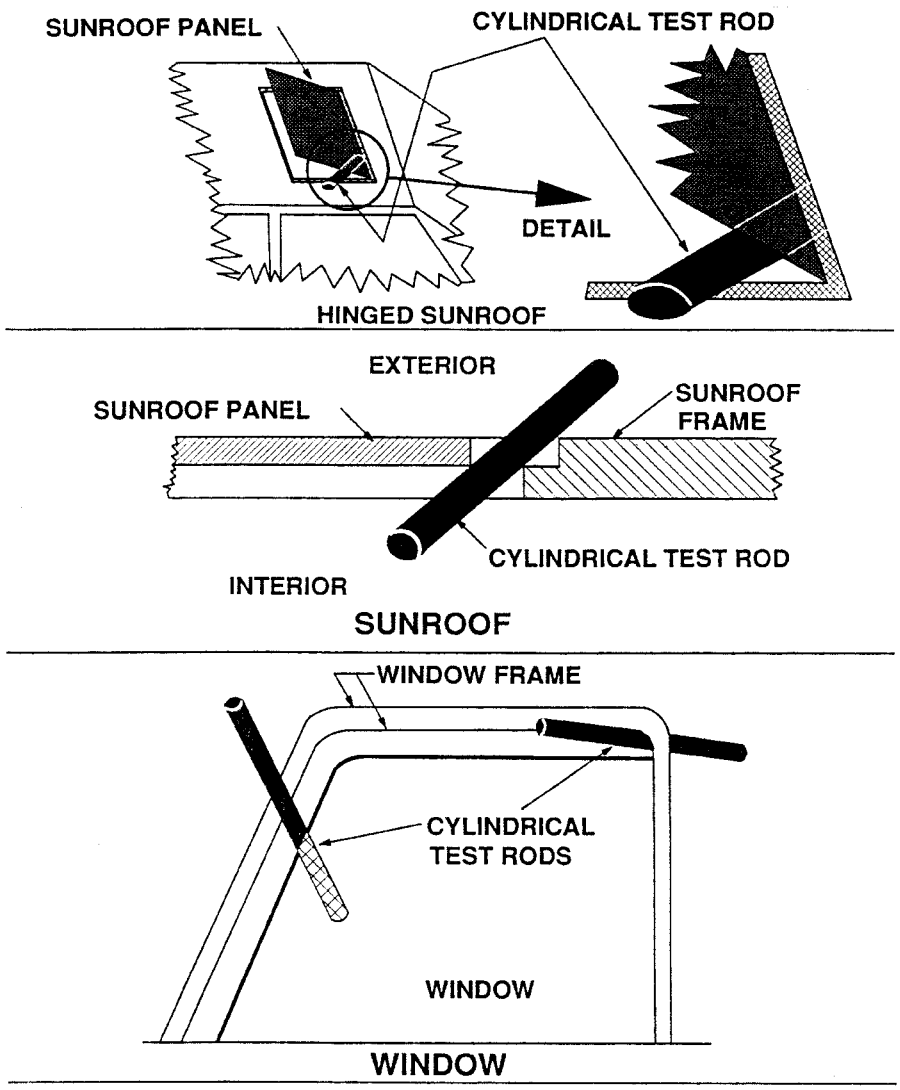

Figure 1 - Typical Cylindrical Test Rods Protruding through Sunroof and Window Daylight Openings

[56 FR 15294, Apr. 16, 1991, as amended at 57 FR 23963, June 5, 1992; 57 FR 28012, June 23, 1992; 58 FR 16785, Mar. 31, 1993; 60 FR 13644, Mar. 14, 1995]